

### ABSTRACT

An apparatus for foam emulsion processing, and/ or determination of the rheological parameters of a given sample includes a syringe assembly, a movable assembly, and a platform assembly. The syringe assembly has a first and second syringe connected by a capillary tube (emulsion needle). The movable assembly includes a holder tube within which the syringe assembly is secured. The platform assembly restrains movement of the movable assembly to only one axis.